NCC LIMITED

White Topping Road From Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd crss road, 1st A main road, 16TH B cross road

Test Report Abstract details

SL NO	Descrption of Items of work	Excuted Quantity	Grade of Concrete	Name of Test	As per Frequency test	No of test cunducted and test report submitted
1	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to IS91 03-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height.	112 Cum	M20	Concrete cube Compressive strength	6 No's of cube samples required for 50 cum (7days and 28days test)	14
2	KSRRB M2200-5.6. Providing and laying Design mix M30 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to 189103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) upto 5 m height	71 Cum	M30	Concrete cube Compressive strength	6 No's of cube samples required for 50 cum (7days and 28days test)	12
3	Providing and laying White Topping as per IRC:SP76-2008 over bituminous surface (Existing bituminous surface preparation to be done if necessary either by milling or levelling course with BM/DBM to correct surface profile and to be paid separately) with unreinforced M-40 grade pavement quality concrete (PQC)using polymeric synthetic fibre as per ASTM (1116) such as polyester I polyethylene I polypropylene at 1.20 kg/cum, mixed in batching and mixing plant or weigh batcher as per approved mix design to achieve minimum flexural strength or modulus of rupture of concrete 4.50 MPa at 28 days limiting maximum water cement ratio to 0.40, transported to site, laid with mechanical paver finisher, spread, vibrated, compacted and finished in a continuous operation to the lines and grades as per drawing, texture finishing of surface, spraying two layers of curing compound, curing with water sprayed on hessian cloth coverd over concrete surface, groove cutting to a depth of 1/3 of the slab depth and of width 3-5 mm including the cost of filling the joint with joint sealant as per IRC-15. as per design (grove cutting to be paid separately). For Thin white Topping and ultra thin white topping the groove cutting shall be 1.25mm x 1.25m grid including cost of all materal, side form work, labour and HOM of machineries etc. complete as per specifications.) -Do- with unreinforced M40 grade pavement quality concrete using Cum 5,813.00 43 grade OPC @ 420 kg/cum, coarse aggregate, fine aggregate and Admixture confirming to IS 9130-1999 (R-2004)	1300 Cum	M40	Concrete cube Compressive strength test Flexural strength test(Beams)	6 No's cubes sample required for 50 cum (7days and 28days test)	37
4	Providing and fixing pre cast solid cement concrete kerb stones made out of C. C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1 :3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	1589 Rmt	M20	Compressive strength	-	1 no's
5	KSRB 14.6-1: Providing and laying heavy duty cobble stones 100mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of M40 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS	2274 Sq mt	M40	Compressive strength	-	1 no's

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6	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, booking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500	41 tonnes	Fe500 8mm dia 10mm dia and 12 mm dia.	Tensile strength	–	1 test for all dia
7	Supplying HDPE pipes confirming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and joining of pipes and specials including encasing the pipe around to a depth of not less than 15cm with soft gravel or selected earth available from the excavation etc., complete, giving hydraulic test as per relevant ISS with all lead and lift including testing and commissioning, The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing) 110mm dia and 200 mm dia for OFC /Telecom /Surveillance Complete including all lead and lifts and as per the directions of engineer in charge. (HDPE Grade - PE100 confirming to IS 4984-1995) PN 6.0.	3441 Rmt	–	–	–	2 no's
8	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700.	456 Rmt	M20	Compressive strength	–	1 no's
9	KSRB 5-14: Providing and constructing load bearing wall withsolid concrete blocks having block density not less than 1800 kg/m3 having a minimum average compressive strength of 4 n/mm2 confirming to is 2185 (part 1) :2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials labour charges , scaffoding , curing hire charges of machineries etc., complete as per specification .KBS NO5.4. 5.26.1- do - with solid concrete blocks of size 400x200x200mm	37 Sqmt	–	Compressive strength	–	1 no's
10	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	11 cum	–	Gradation, AIV, Flaky and elongation and Denaity.	One test per 150 cum	1 set
11	Concrete core test as per Total excuted concrete quantity	1300 Cum	M40	Concrete core Compressive strength	One sample of core per 300 mt	4 nos

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